






















Elementary Math, Science, & Social Studies Apps
Amy Hill - ESU 1 ahill@esu1.org May 2013






General Apps		
	Apps Gone Free Each day it highlights 5-10 apps that are free for a limited time.	Free
	www.smartappsforkids.com Each day sends you an email on apps that are free or reduced for a limited time. See the top 10 apps and also apps organized by age/grade level and content area.	Free
	http://teacherswithapps.com/ Highlights ten terrific iPad apps. The apps cover a variety of different skills and are engaging, entertaining, and educational. Levels span from toddler to early elementary.	
	http://www.funeducationalapps.com/ Reviews iPhone, iPod Touch and iPad apps for kids.	
	http://www.smartappsforandroid.com/ Companion site to smartappsforkids.com Highlights free or reduced price android apps.	Free
	Dropbox Bring all your photos, docs, and videos with you everywhere. Install dropbox on your computer and any file you save to your dropbox will automatically save to all your computers, iphone, ipad, and even the dropbox website.	Free
	i-nigma Turns your camera into a sophisticated barcode reader. Students can write book reviews and then place the barcode inside the front cover of a book. Teachers can organize games or quizzes using QR codes. Use a QR code generator such as http://qrcode.kaywa.com/ to generate a code.	Free
	hoops&yoyo Sound the Alarm! Free Alarm with 18 hilarious sound files; full version has 70 audio files and a countdown timer.	Free .99 full version
	PBS Kids Watch videos from your favorite PBS KIDS television series. Features more than 1,000 videos including Curious George, The Cat in the Hat Knows a Lot About That, Dinosaur Train, SUPER WHY!, Sesame Street, and Wild Kratts.	Free
	iLEAP Pick A Student Designed to help teachers pick a student to help or participate in class. Can choose a student randomly from the class, or used turn based selection so every student is picked before any student is picked again.	Free

	Explain Everything Easy-to-use design tool that lets you annotate, animate, and narrate explanations and presentations. Create interactive lessons, activities, assessments, and tutorials. Insert a web browser for live annotations and basic recordings. Record on-screen drawing, annotation, object movement and captures audio via the iPad microphone.	\$2.99
	Pocket Dictionary 25in 1 Includes 25 different dictionaries (Financial, Geographic, Plants, Astronomy, Agricultural). Audio pronunciation. Can search without an internet connection.	Free
	AirServer A powerful application that enables you to stream or mirror your iPad or iPhone on your Mac/PC. http://www.airserver.com/	5 license/\$14.99





Math











	Freefall Time A fun and unique way to learn how to tell time. Practice setting the clock using the hour and minute hands, or quickly choose the correct time as multiple answers fall from the sky.	\$0.99
	Tell Time !! Practice telling time. Two difficulty levels: easy and medium. Select the difficulty level and number of problems in "Settings."	Free \$.99 for no ads
	Counting Money Learn how to count money either in practice or quiz mode. Students have to select the correct amount of change to make the the currency amount shown.	Free
	Money-- Practice counting money using bills and coins. Has different difficulty levels.	Free
	Pizza Fractions: Beginning With Simple Fractions In chef's pizzeria students master the concept of naming simple fractions using pizza picture examples. Designed for grades 2-6.	Free
	Fractions App By Tap to Learn Learn to identify fractions, proper and improper fractions, mixed fractions, rename, compare, addition and subtraction of fractions. Create a fraction from everyday objects like pizza or a bar of chocolate. Adaptive difficulty level from simple to difficult.	Free \$.99 full version

	Geoboard Learners stretch bands around pegs to form line segments and polygons to make discoveries about perimeter, area, angles, congruence, fractions, and more. Has eight different color bands.	Free
	Teaching Number Lines Introduces the concept of numbers lines through frogs that make steps and leaps. Basic mathematical skills such as counting, ordering, addition and subtraction,	Free \$1.99 for no ads
	Count up to 1 million - LudoSchool Listen to a number given orally, and then create it with counters.	\$1.99
	MathBlaster Space Zapper Over 20 lessons in addition, subtraction, multiplication and division. Three levels of difficulty challenge your aim, accuracy, and math skills in this arcade-style game.	\$1.99
	Everyday Mathematics Addition Top It This two-player game offers a quick and easy way to practice and reinforce basic addition facts (0-10) and number comparisons. Players take turns drawing two cards, finding their sums, and then comparing the sums.	\$0.99
	Math Dojo Versions to practice addition, subtraction, multiplication, division. 3 challenging difficulties, 10 different opponents. 30 levels of difficulty in full version.	Free \$2.99 full version
	Meteor Math Arcade style where meteors "crash" together to solve addition, subtraction, multiplication, and division equations.	Free
	Arithmetic Invaders: Grade 3 Express K-2 version is free; Grade 3 has eight games for addition, subtraction, division and multiplication. Have to calculate the math problem that corresponds to number printed on laser. Apps for grades K, 1, 2 and 3.	Free \$1.99 full version
	LetsTan Checkered Seven checkered tan pieces you move to re-create the shape. 210 puzzles included.	Free
	Marble Math Lite: Multiplication Solve a variety of multiplication problems by collecting numbers as you roll or drag your marble through a series of fun mazes. For ages 6 and up.	Free











	My Math Flash Cards App Master basic elementary math facts in addition, subtraction, multiplication and division. Can randomly generate flash cards or customize to focus on a particular skill (addition by 2).	Free
	Drill Math Word Problems - Banana Math Fun way to practice and master fundamental math facts. Addition word problems included free. Randomly generated questions, three difficulty levels, and a practice mode.	Free .99 addt'l math sets
	Maths Castle Lite Three levels of difficulty and 3 game modes to practice addition, subtraction, multiplication and division.	Free \$1.99 full version
	Mathmateer Free (formerly Rocket Math Free) Choose one of the many fun math mission (numbers, telling time, U.S. money, 3D shapes, arithmetic) while you build your own rocket.	Free
	MathLands - Kids Logic Game & Brain Builder for Math and Critical Thinking Math problem solving, math logic, critical thinking, and pattern recognition. In this interactive app, kids will be asked to exercise logical and critical thinking in the the context of gameplay and puzzle-solving.	Free











Social Studies

	Stack the States Lite Answer a question correctly to earn a state. Goal is to build a stack of states high enough to reach the checkered line.	Free .99 full version
	Stack the Countries Lite Answer questions about a country capital, landmarks, and geographic locations. Carefully build a stack of countries that reaches the checkered line.	Free \$1.99 full version
	Discover USA HD Fun facts and great opportunities to get to know more about sites and places in 10 states. The owl narrates and students interact with content.	Free \$1.99 full version
	National Parks by Natonal Geographic Beautiful, award-winning interactive guide to 25 of America's most visited national parks. Included free are photo galleries, visitor information, and maps.	Free \$1.00 full park guides







	Tiny Countries Help Tiny save the world by using your knowledge of geography to unravel clues. 15 missions over 6 continents. An animated interface to learn about countries, their capitals, and famous monuments.	\$0.99
	US Citizenship 2013 Test your knowledge on US History and Government. Features flashcards.	Free
	Smithsonian Channel Explore the history of our planet, life and culture, with 100% original family-friendly programming. View full episodes and hundreds of videos clips of your favorite Smithsonian Channel programs.	Free
	Changing America App from the Smithsonian Institution. Use Changing America: To Be Free to go beyond the well-known stories of Emancipation and gain insight into the lives of so many different people. You can search, sort and read personal responses to the Emancipation Proclamation across the north, south and border states from men and women of all ages.	Free
	Pass the Past Created based on Virginia's Standard's of Learning. Contains quizzes about World and United States history, civics, and geography.	Free
	The Oregon Trail: American Settler Create and manage a frontier town, place building, livestock and crops, and relive memorable moments from the Oregon Trail.	Free
	Networks: Step into Time and Place Learn about a historic event and place yourself at the scene. Can email or post final historical photo for others to see. Select topics from World History, United States History, and Civics.	Free
	World Travel Wallpapers HD Contains 220 photographs from around the world with information for each.	\$0.99
	Weird But True 300 different weird but true kid-friendly facts. Based on the National Geographic Kids magazine and best selling books.	Free
	TapQuiz Maps World Edition Easy and quick way to master geography. Learn the countries of the world or states in the US by tapping the answer to each question on the map.	Free

Science

	Google Earth Search for cities, places, and business. Browse layers including roads, borders, places, photos and more. 3D imagery for iPad 2 or later.	Free
	MenuWeather Displays current weather conditions for your location, 15 day forecast, astronomy information, radar maps, and severe weather warnings.	Free
	Star Chart Point the device toward the sky and will tell you exactly what you are looking at - the current location of every star, planet, and moon visible from Earth, even in broad daylight.	Free/Addt'l \$2.99
	SkyView Free - Explore the Universe Hold your iPad up and turn it into a telescope. Locate planets, stars, constellations, and the brightest satellites that orbit the earth. Point the camera to the sky, tap on what you see and discover neat things about these sky objects.	Free
	NASA app Current NASA mission information, over 156,000 images, latest news and feature stores, live streaming of the NASA TV, launch information, ISS and Earth orbiting satellite trackers.	Free
	Moon Globe View the Earth's Moon with realistic lighting in realtime 3D. Spin above the surface, or switch to Telescope mode to see the Moon as it appears from your location on Earth. Terrain features and spacecraft landing are labeled.	Free
	Space Place Prime A spinoff of NASA's kids' Space Place website (spaceplace.nasa.gov or science.nasa.gov/kids). Easy-to-read articles, images, and informative video.	Free
	Angry Birds Space HD Features over 160 interstellar levels on planets and in zero gravity, resulting in spectacular gameplay ranging from slow-motion puzzles to lightspeed destruction.	\$2.99
	WWF Together In-depth, interactive stories of endangered animals, including giant pandas, tigers, elephants, marine turtles, bison, and polar bears. HD, full-screen videos and images, cool and unusual animal facts.	Free
	Life Science Through Photography Contains photographs that pertain to life science for children ages 8-11 years old. Definitions and quiz are included.	Free/\$4.99

	Leafsnap Electronic field guide that contain beautiful high-resolution images of leaves, flowers, fruit, petiole, seeds, and bark. Uses visual recognition software to help identify tree species from photographs of their leaves on iPad equipped with cameras.	Free
	DIY Nano HD Learn about nanoscale science, engineering, and technology. The app provides free, easy to use, hands-on activities at your fingertips. Each activity includes material lists, step-by-step instructions, and detailed explanations.	Free
	Curiosity Machine Videos of actual engineers and scientists talking to children about inventions and projects they are working on. Get ideas to create own invention and share it through photos and videos, receive feedback on how to make it better from real, live engineers.	Free
	Science 360 Engaging images and video from the National Science Foundation. WiFi or 3G connection required.	Free
	Fossil An interactive story and archaeological narrative which talks about stones that once were dinosaur bones. Teach about the Mesozoic era, dinosaurs, their existence and extinction.	\$2.99
	Wild Dolphin Interactive book with videos.	Free
	(Pearson) Language Central for Science Life Science Edition Interactive book	Free
	Britannica Kids: Rainforests Interactive book	Free
	National Geographic Explorer Interactive book	Free
	Creatures of Light Interactive book	Free

Thinking

	BrainQuest Hone skills in math, science, language, and history. Fun and challenging curriculum-based questions that reflect national and state standards.	Free
	Numberlink Connect matching numbers. Pair all numbers, and cover the board to solve to solve each puzzle. The lines cannot cross or overlap.	Free
	MemoryBlock The computer creates sequences you have to mimic. Has 5 buttons to keep track of.	Free
	iSlash Lite Use your finger to swipe your way through challenging levels, avoiding the ninja stars.	Free \$.99 full version
	Frog Jump Try to corner the frog on one single lily pad in the middle of the pond. Levels progress harder.	Free
	Cut the Rope Feed candy to the monster by cutting the rope and collecting stars.	Free